



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1470
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/090,689	03/05/2002	Carl A. Gunter	53087-5008	8489

28977 7590 12/12/2005

MORGAN, LEWIS & BOCKIUS LLP
1701 MARKET STREET
PHILADELPHIA, PA 19103-2921

EXAMINER

HAST, NATHAN D

ART UNIT	PAPER NUMBER
----------	--------------

2136

DATE MAILED: 12/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/090,689	Applicant(s) GUNTER, CARL A.	
	Examiner Nathan D. Hast	Art Unit 2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 March 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>12/6/2005</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Acknowledgement of Papers

1. This office action is in response to all papers sent and received as of the 20th of October 2005.

Priority

2. The examiner notes that there is no claim of benefit to priority with regards to the present application.

Information Disclosure Statement

3. All Information Disclosure Statements (IDS) received before completion of this office action have been reviewed and considered. A signed copy has been enclosed with this action for your records. Specifically including IDS filed on: 05/10/2002, 01/27/2003, 05/12/2003, 08/08/2003, 04/19/2004, and 10/20/2005.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1, 5-14 rejected under 35 U.S.C. 102(e) as being anticipates by Carter et al. (Carter).

Art Unit: 2136

6. As per claim 1, Carter anticipates, a method of providing secure access to a service on a service web server comprising:

(a) providing a first user access to a label service on a permission web server (Figure 2.200-214, Column 7, Lines 37-47, "DDP");

(b) allowing said first user to determine, using the label service, a label related to said service (Figure 2.216, 220, Column 8, Second and Third paragraph, "DDP", "deputies");

(c) creating a first (Figure 2.216-222, Column 8, starting second paragraph, "DDP", "deputies") permission link at said permission web server, wherein said first permission link comprises the label and a digital signature of the permission web server;

(d) providing said first permission link to said first user (Figure 2.222, "Credential Response");

(e) receiving (Figure 8, "receiving") at the service web server from a second user a permission comprising the first (Figure 6, "Deputy Credential") permission link and a second permission link (Figure 7, "Deputized Function"), wherein said second permission link is created by said first user and comprises a digital signature of the first user;

(f) verifying (Figure 8.826, "Authenticate Deputy") the digital signatures in the permission;

Art Unit: 2136

(g) providing the second user access to the service if an analysis of the permission produces a positive result (Column 12, Lines 32-39, "Authenticating", "credentials").

7. As per claim 5, Carter anticipates, the method of claim 1 wherein said permission and service web servers are the same (Column 6, Lines 60-69, "server").

8. As per claim 6, Carter anticipates, the method of claim 1 wherein the first and second users are the same (Column 7, Lines 50-55, "user task").

9. As per claim 7, Carter anticipates, a method of providing secure access to a service on a service web server comprising:

(a) providing a first user access to a label service (Figure 2.200-214, Column 7, Lines 37-47, "DDP") on a label web server;

(b) allowing said first user to determine, using the label service, a label (Figure 2.216-222, Column 8, starting second paragraph, "DDP", "deputies") related to said service;

(c) providing said label to said first user (Figure 2.216-222, Column 8, starting second paragraph, "DDP", "deputies");

(d) receiving (Figure 8, "receiving") at the service web server from a second user a permission, wherein said permission is created by said first user and comprises a digital signature of the first user and the label;

(e) verifying (Figure 8.826, "Authenticate Deputy") the digital signature in the permission; and

Art Unit: 2136

(f) providing access (Column 12, Lines 32-39, "Authenticating", "credentials") to the service to the second user if an analysis of the permission produces a positive result.

10. As per claim 8, Carter anticipates, the method of claim 7 further comprising: (g) before step (f), verifying that the first user had authority (Column 10, Lines 12-20) to delegate access to the service.

11. As per claim 9, Carter anticipates, the method of claim 8 wherein step (f) is performed using an access control list (Column 10, Lines 12-20).

12. As per claim 10, Carter anticipates, a method of providing secure access to a service on a service web server comprising:

13. (a) providing a first user access to a label service on a permission web server (Figure 2.200-214, Column 7, Lines 37-47, "DDP");

14. (b) allowing said first user to determine, using the label service, a label related (Figure 2.216, 220, Column 8, Second and Third paragraph, "DDP", "deputies") to said service;

15. (c) creating (Figure 2.216-222, Column 8, starting second paragraph, "DDP", "deputies") a first permission link at said permission web server, wherein said first permission link comprises the label and a digital signature of the permission web server;

16. (d) providing said first permission link to said first user (Figure 2.222, "Credential Response");

17. (e) receiving (Figure 8, "receiving") at the service web server from a subsequent user a subsequent permission, wherein said subsequent permission comprises the first

Art Unit: 2136

permission (Figure 6, "Deputy Credential") link, a second permission link (Figure 7, "Deputized Function") comprising a digital signature of the first user, and at least one intervening permission link comprising a digital signature of at least one intervening user;

18. (f) verifying (Figure 8.826, "Authenticate Deputy") the digital signature of the permission web server, the digital signature of the first user and each digital signature of each intervening user in the subsequent permission; and

19. (g) providing (Column 12, Lines 32-39, "Authenticating", "credentials") the subsequent user access to the service if an analysis of the subsequent permission produces a positive result.

20. As per claim 11, Carter anticipates, the method of claim 1, 7, or 10 wherein the label comprises a URL for identifying the service (Column 10, Lines 5-9, "Uniform Resource Locator").

21. As per claim 12, Carter anticipates, a system for providing secure access to a service on a service web server comprising:

a permission web server (Figure 2.200-214, Column 7, Lines 37-47, "DDP") that maintains a label service and allows a first user to determine, using the label service, a label related to the service; that creates a first permission link, wherein said first permission link comprises the label and a digital signature of the permission web server; and that provides the first permission link to the first user; and

the service web server (Figure 2.200-214, Column 7, Lines 37-47, "DDP") that receives from a second user a permission comprising the first permission link

Art Unit: 2136

(Figure 6, "Deputy Credential") and a second permission link (Figure 7, "Deputized Function"), wherein said second permission link is created by said first user and comprises a digital signature of the first user (Figure 2.216, 220, Column 8, Second and Third paragraph, "DDP", "deputies"); that verifies (Figure 8.826, "Authenticate Deputy") the digital signatures in the permission; and that provides the second user access (Column 12, Lines 32-39, "Authenticating", "credentials") to the service if an analysis of the permission produces a positive result.

22. As per claim 13, Carter anticipates, a system for providing secure access to a service on a service web server comprising:

a permission web server (Figure 2.200-214, Column 7, Lines 37-47, "DDP") that maintains a label service and that allows a first user to determine, using the label service, a label (Figure 2.216-222, Column 8, starting second paragraph, "DDP", "deputies") related to the service; and that provides the label to the first user (Figure 2.222, "Credential Response"); and

the service web server that receives from a second user a permission, wherein said permission is created by the first user (Figure 6, "Deputy Credential") and comprises a digital signature of the first user and the label; that verifies (Column 12, Lines 32-39, "Authenticating", "credentials") the digital signature in the permission; and that provides the second user access to the service if an analysis of the permission produces a positive result.

23. As per claim 14, Carter anticipates, a system for providing secure access to a service on a service web server comprising:

a permission web server (Figure 2.200-214, Column 7, Lines 37-47, "DDP") that maintains a label service and allows a first user to determine, using the label service, a label (Figure 2.216-222, Column 8, starting second paragraph, "DDP", "deputies") related to said service; that creates a (Figure 2.222, "Credential Response") first permission link, wherein the first permission link comprises (Figure 6, "Deputy Credential") the label and a digital signature of the permission web server; and that provides the first permission link to the first user; and

the service web server that receives (Figure 8, "receiving") from a subsequent user a subsequent permission, wherein said subsequent permission comprises the first permission link (Figure 6, "Deputy Credential"), a second permission link (Figure 7, "Deputized Function") comprising a digital signature of the first user, and at least one intervening permission link comprising a digital signature of at least one intervening user; that verifies (Figure 8.826, "Authenticate Deputy") the digital signature of the permission web server, the digital signature of the first user and each digital signature of each intervening user in the subsequent permission; and that provides the subsequent user access (Column 12, Lines 32-39, "Authenticating", "credentials") to the service if an analysis of the subsequent permission produces a positive result.

Claim Rejections - 35 USC § 103

24. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

Art Unit: 2136

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

25. Claims 2-4 are rejected under 35 U.S.C. 103(a) as being obvious over Carter et al. (Carter) in view of Shteyn.

26. Carter discloses the method of claim 1 where said first user transmits said permission to said second user (Carter: Figure 2.22).

27. Carter does not expressly disclose the use of electronic mail, instant messaging, or a personal area network for said transmission.

28. Shteyn discloses ubiquitous information access through using electronic mail, instant messaging, or a personal area network (Shteyn: Column 1, Lines 24-39).

29. Carter and Shteyn are analogous art because they are from the similar problem solving area of information access.

30. At the time of invention it would have been obvious to a person of ordinary skill in the art to use electronic mail, instant messaging, or a personal area network to transmit the permission.

31. The motivation for doing so would have been to enable said user access to as much information as possible (Shteyn: Column 1, Lines 24-39).

32. Therefore, it would have been obvious to combine Carter with Shteyn for the benefit of increased access of information and easy of use to obtain the invention as specified in claims 2-4.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nathan D. Hast whose telephone number is (571) 272-6558. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R. Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nathan D. Hast
Examiner
Art Unit 2136

CEL
Primary Examiner
AU 2131
12/8/05